



OptiCool RPC-115

Direct Expansion (DX) External Heat Rejection



The OptiCool RPC-115 system manages cooling in a closet, server room, or data center where Direct Expansion (DX) cooling applications are required.

The RPC-115 is a refrigerant pump system providing 115 kW of cooling capacity per system. The RPC-115 system has been designed to support up to 20 OptiCool Active Heat Extractor Units for cooling applications. The RPC-115 uses R-134a refrigerant for cooling electronic equipment – non-toxic, non-conductive and non-corrosive.

The RPC-115 is a system and requires other OptiCool products for effective heat transfer out of the room. Each RPC-115 requires an outdoor direct expansion unit.

The RPC-115 system unique features include:

- Internal and external Refrigerant Distribution Network (RDN)
- Small indoor and outdoor footprint
- Variable speed outdoor fan motors

External Heat Rejection	Direct Expansion (DX)
Max kW Capacity	115 kW @95° ambient 101 kW @105° ambient 95 kW @110° ambient
Max # AHX's	6 or 20
Header Option	Internal/External
Power Options	120-230V, 1Ph, 60HZ
Full Load Amps (FLA)	120 VAC: 9A 208 VAC: 5A
ODX Condensing Unit	ODX-115
ODX Power Options	480V 3Ph or 240V 3Ph
Communication / Monitoring	Modbus/RTU, BACnet/IP, Modbus/TCP-IP
Heat Exchange	R448A / R449A
Weight	400 lbs
Dimensions	15W x 36D x 77.2H